

to have been hastily written in order to satisfy the obligation for having spoken at the Conference. In general the reports are brief and heterogeneous in style. They do not serve to give the reader any unified over-all comprehension of the subject matter of the Conference.

The content of this volume is extremely specialized. Workers in the field will find it useful as a catalog of work in progress although the delay in publishing of over a year is somewhat unfortunate. It is not recommended to the general reader who merely wants a cursory review of the physical and chemical effects of radiation.

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Progress in Organic Chemistry. Volume 3. By J. W. Cook, D. Sc., F.R.S., Editor, Principal, University College of The South West of England, Exeter, Fellow of University College, London. Academic Press, Inc., Publishers, 125 East 23rd Street, New York 10, N. Y. 1955. viii + 273 pp. 16 × 25 cm. Price, \$7.80.

Volume 3 maintains the same high standards set in the preceding two volumes. This particular work in the progress series is devoted to five topics. These topics are, (1) Total Synthesis of Steroids (43 pages) by J. W. Cornforth, (2) Non-benzenoid Aromatic Compounds (37 pages) by W. Baker and J. F. W. McOmie, (3) The Fulvenes (97 pages) by Ernst D. Bergmann, (4) Organic Compounds of Lithium (46 pages) by E. A. Braude and (5) Indole Alkaloids (49 pages) by V. Boekelheide and V. Prelog. In accordance with the announced editorial policy of this series, Dr. Cook has been eminently successful in obtaining contributors who are actively engaged in the development of the topics discussed in this volume.

This is a well written book, and the reviewer has enjoyed reading these chapters. Synthetic schemes, interrelationships amongst complex compounds, discussions and arguments, etc., have been clearly and concisely presented.

Organic chemists will find this a valuable review of the five topics covered in this volume.

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BOOKS RECEIVED

June 10, 1956–July 10, 1956

HANS A. BETHE AND PHILIP MORRISON. "Elementary Nuclear Theory." Second Edition. John Wiley and Sons, Inc., 440 Fourth Avenue, New York 16, N. Y. 1956. 274 pp. \$6.25.

DAVID E. GREEN, Editor. "Currents in Biochemical Research 1956." Interscience Publishers, Inc., 250 Fifth Avenue, New York 1, N. Y. 1956. 697 pp. \$10.00.

CLAUDE LIÉBECQ (edited by). "Proceedings of the Third International Congress of Biochemistry Brussels 1955." Academic Press, Inc., Publishers, 125 East 23rd Street, New York 10, N. Y. 1956. 544 pp. \$15.00.

"Proceedings of the International Conference on the Peaceful Uses of Atomic Energy." Held in Geneva, 8 August–20 August 1955. Volume 6. "Geology of Uranium and Thorium." Columbia University Press, 2960 Broadway, New York 27, N. Y. 1956. 825 pp. \$10.00.

"Proceedings of the International Conference on the Peaceful Uses of Atomic Energy." Held in Geneva, 8 August–20 August 1955. Volume 7. "Nuclear Chemistry and Effects of Irradiation." Columbia University Press, 2960 Broadway, New York 27, N. Y. 1956. 691 pp. \$10.00.

"Proceedings of the International Conference on the Peaceful Uses of Atomic Energy." Held in Geneva, 8 August–20 August 1955. Volume 8. "Production Technology for the Materials used for Nuclear Energy." Columbia University Press, 2960 Broadway, New York 27, N. Y. 1956. 627 pp. \$10.00.

"Proceedings of the International Conference on the Peaceful Uses of Atomic Energy." Held in Geneva, 8 August–20 August 1955. Volume 9. "Reactor Technology and Chemical Processing." Columbia University Press, 2960 Broadway, New York 27, N. Y. 1956. 771 pp. \$10.00.

"Proceedings of the International Conference on the Peaceful Uses of Atomic Energy." Held in Geneva, 8 August–20 August 1955. Volume 15. "Applications of Radioactive Isotopes and Fission Products in Research and Industry." Columbia University Press, 2960 Broadway, New York 27, N. Y. 1956. 327 pp. \$7.50.

"Proceedings of the International Conference on the Peaceful Uses of Atomic Energy." Held in Geneva, 8 August–20 August 1955. Volume 16. "Record of the Conference." Columbia University Press, 2960 Broadway, New York 27, N. Y. 1956. 203 pp. \$5.00.

M. L. SMITH (edited by). "Electromagnetically Enriched Isotopes and Mass Spectrometry." Academic Press, Inc., Publishers, 125 East 23rd Street, New York 10, N. Y. 1956. 272 pp. \$8.00.

A. STOLL, T. L. JOHNSON, J. A. HOGG, J. KORMAN, C. M. SUTER, G. E. ULLYOT AND J. F. KERWIN. "Medicinal Chemistry." Volume II. A Series of Reviews Prepared under the Auspices of the Division of Medicinal Chemistry of the American Chemical Society." John Wiley and Sons, Inc., 440 Fourth Avenue, New York 16, N. Y. 1956. 311 pp. \$10.00.

MARVIN J. UDY (edited by). "Chromium. Chemistry of Chromium and Its Compounds." Volume I. ACS Monograph No. 132. Reinhold Publishing Corporation, 430 Park Avenue, New York 22, N. Y. 1956. 433 pp. \$11.00.

HIROOMI UMEZAWA. "Quantum Field Theory." Interscience Publishers, Inc., 250 Fifth Avenue, New York 1, N. Y. 1956. 364 pp. \$9.75.